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	Application Number 100/797 269

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 1

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Application Number	09/787,368				
Filing Date	03/14/2001				
First Named Inventor	NAIR et al.				
Group Art Unit	Unknown 1753				
Examiner Name	Aggleis Yilmaz Phasae				
Attorney Docket Number	75978/10787				

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Group Art Unit	Unknown 1753			
Examiner Name	Anglois Yilmaz Pha. Sq			
Attorney Docket Number	75978/10787			

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Examiner Initials	Cite No.1	U.S. Patent Number	Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
AS		5,437,774		LAUTSEN	08/01/1995	/
		3,878,564		YAO et al.	04/22/1975	
		4,036,748		KNICKEL et al.	07/19/1977	./
		4,045,337		KNICKEL et al.	08/30/1977	
		4,045,455		VOGEL	08/30/1977	
		4,069,215		ELFERT et al.	01/17/1978	7
		4,115,225		PARSI	09/19/1978	
		4,123,342		AHLGREN	10/31/1978	
		4,174,439		RAUENBUSCH et al.	11/13/1979	
		4,196,304		NAUMANN	04/01/1980	7
		4,204,929		BIER	05/27/1980	
\Box		4,217,227		ELFERT et al.	08/12/1980	
		4,238,306		PERRY et al.	12/09/1980	
		4,238,307		PERRY et al.	12/09/1980	
		4,252,652		ELFERT et al.	02/24/1981	
		4,259,079		BLUM	03/31/1981	
		4,269,967		ELFERT et al.	05/26/1981	
		4,276,140		JAIN	06/30/1981	
		4,279,724		HEARN et al.	07/21/1981	1
110	_	4,299,677		VENKATASUBRAMANIAN et al.	11/10/1981	

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Group Art Unit	Unknown 1753				
Examiner Name	Anglois Yllmaz Phasele				
Attorney Docket Number	75978/10787				

				U.S. PATENT DOCL	IMENTS	
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1987		4,322,275		JAIN	03/30/1982	·
, ,		4,362,612		BIER	12/07/1982	
		4,376,023		VENKATSUBRAMANIAN et al.	03/08/1983	
		4,381,232		BROWN	04/26/1983	
		4,383,923		ELFERT	05/17/1983	
		4,396,477		JAIN	08/02/1983	7
		4,441,978		JAIN	04/10/1984	
		4,533,447		MELDON	08/06/1985	
\neg		4,608,140		GOLDSTEIN	08/26/1986	1
		4,661,224		GOLDSTEIN et al.	04/28/1987	
		4,673,483		MANDLE	06/16/1987	
		4,711,722		TOYOSHI et al.	12/08/1987	
		4,746,647		SVENSON	05/24/1988	
		4,780,411		PIEJKO et al.	10/25/1988	
		4,897,169		BIER et al.	01/30/1990	
\neg		4,963,236		RODKEY et al.	10/16/1990	1
		5,043,048		MURALIDHARA	08/27/1991	1
		5,080,770		CULKIN	01/14/1992	
		5,082,548		FAUPEL et al.	01/21/1992	
Plan		5,087,338		PERRY et al.	02/11/1992	

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First Named Inventor	NAIR et al.
Group Art Unit	Unknown (753
Examiner Name	Anglois Yilmaz Phasge
Attorney Docket Number	75978/10787

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PKK		5,096,547		KLOTZ et al.	03/17/1992	
7		5,114,555		STIMPSON	05/19/1992	
		5,127,999		KLOTZ et al.	07/07/1997	
		5,160,594		HUFF et al.	11/03/1992	
		5,173,164		EGEN et al.	12/22/1992	/ /
		5,185,086		KAALI et al.	02/09/1993	
		5,238,570		HUGL et al.	08/24/1993	
		5,277,774		SHMIDT et al.	01/11/1994	
		5,336,387		EGEN et al.	08/09/1994	
		5,340,449		SHUKLA	08/23/1994	
		5,352,343		BAILES et al.	10/04/1994	
		5,407,553		HERRON et al.	04/18/1995	
		5,420,047		BRANDT et al.	05/30/1995	
	-	5,441,646		HELLER et al.	08/15/1995	
		5,490,939		GERIGK et al.	02/13/1996	7
		5,503,744		IKEMATSU et al.	04/02/1996	7
		5,504,239		MEHL et al.	04/02/1996	
		5,558,753		GALLAGHER et al.	09/24/1996	7
		5,561,115		TENOLD	10/01/1996	
144		5,565,102		BRANDT et al.	10/15/1996	7

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of

Complete if Known 09/787,368 **Application Number Filing Date** 03/14/2001 First Named Inventor NAIR et al. Unknown-**Group Art Unit** Anglois Yilmaz **Examiner Name** Attorney Docket Number 75978/10787

				U.S. PATENT DOCU	JMENTS	
Examiner Initials	Cite No.1	U.S. Patent Number	Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Cotumns, Lines, Where Relevant Passages or Relevant Figures Appear
PKR		5,610,285		LEBING et al.	03/11/1997	
ابالت		5,662,813		SAMMONS et al.	09/02/1997	
		5,723,031		DURR et al.	03/03/1998	
		5,733,442		SHUKLA	03/31/1998	
		5,736,023		GALLAGHER et al.	04/07/1998	
		5,868,938		BOMER, deceased, et al.	02/09/1999	
		5,891,736		CHAPOTEAU et al.	04/06/1999	
		5,906,724		SAMMONS et al.	05/25/1999	
		5,938,904		BADER et al.	08/17/1999	
		5,986,075		DUBOSE et al.	11/16/1999	
		6,093,296		SOANE et al.	07/25/2000	
		6,117,297		GOLDSTEIN	09/12/2000	
		6,129,842		KOSTANIAN	10/10/2000	1
-P34	,	6,171,825		CHAN et al.	01/09/2001	
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Pol	4.*	Electrophoresis, (1994), Vol. 1 Z. Stephen Horvath et al.		-971, "Multifunctional Apparatus for Elec	trokinetic	Processi	ng of Pro	teins',	
ASA	5. x		l 6 (1), pp. 98-	100, "Preparative Reflux Electrophoresis,"	' Joel Mar	rgolis et a	1.	· .	
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